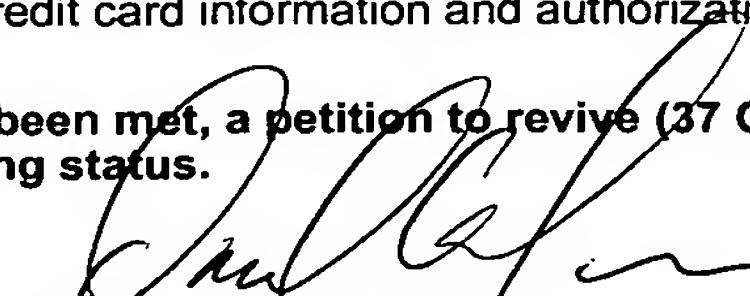


FORM PTO-1390 (REV. 01-2003) <b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 128011 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) New U.S. National Stage of PCT/ P2005/008373 <b>107579299</b>
INTERNATIONAL APPLICATION NO. PCT/JP2005/008373	INTERNATIONAL FILING DATE April 25, 2005	PRIORITY DATE CLAIMED April 26, 2004	
<b>TITLE OF INVENTION</b> GEAR SHIFTING COMPLETION DETERMINATION DEVICE FOR AUTOMATIC TRANSMISSION			
<b>APPLICANTS FOR DO/EO/US</b> Toshio SUGIMURA; Toshinari SUZUKI; Tatsuya KAWAMURA; Atsushi AYABE			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> <li>c. <input type="checkbox"/> The International Application was filed in English.</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>			
<b>Items 11 to 20 below concern document(s) or information included:</b>			
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: a copy of the International Search Report is attached to the Information Disclosure Statement.</li> </ol>			

15 MAY 2006

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) New U.S. National Stage of PCT/JP2005/008373 <b>100579299</b>		INTERNATIONAL APPLICATION NO. PCT/JP2005/008373	ATTORNEY'S DOCKET NUMBER 128011
21. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS	PTO USE ONLY
<b>BASIC NATIONAL FEE (37 CFR 1.492(a)):</b> ..... \$ 300.00		\$300.00	
<b>SEARCH FEE (37 CFR 1.492(b)(1)-(3)):</b>		\$400.00	
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage ..... \$ 0.00			
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA..... \$ 100.00			
International search report provided to USPTO no later than the time at which the search fee is paid ..... \$ 400.00			
All situations not provided for above..... \$ 500.00			
<b>EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):</b>		\$200.00	
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage ..... \$ 0.00			
All situations not provided for above..... \$ 200.00			
Surcharge of \$130.00 for furnishing the search fee, the examination fee or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$	
APPLICATION SIZE FEE Total pages 15 - 100 =	0 ÷ 50	= 10	x 250 = \$
rounded up to next integer			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE \$
TOTAL CLAIMS	2 - 20	= 0	x 50.00 = \$
INDEPENDENT CLAIMS	1 - 3	= 0	x 200.00 = \$
MULTIPLE DEPENDENT CLAIM(S)(if applicable)		+ 360.00 = \$	
		<b>TOTAL OF ABOVE CALCULATIONS =</b>	\$900.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½ .		\$	
		<b>SUBTOTAL =</b>	\$900.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$	
		<b>TOTAL NATIONAL FEE =</b>	\$900.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$	
		<b>TOTAL FEES ENCLOSED =</b>	\$900.00
		Amount to be refunded: \$	
		charged: \$	
a. <input checked="" type="checkbox"/> Check No. 179836 in the amount of \$900.00 to cover the above fees is enclosed.			
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.			
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.			
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.			
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944			
 NAME: James A. Oliff REGISTRATION NUMBER: 27,075			
Date <u>May 15, 2006</u> NAME: Daniel A. Tanner, III REGISTRATION NUMBER: 54,734			

10/579299

AP20 Rec'd PCT/PI 15 MAY 2006  
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Toshio SUGIMURA et al.

Attn: PCT Branch

Application No. New U.S. National Stage of PCT/JP2005/008373

Filed: May 15, 2006

Docket No.: 128011

For: GEAR SHIFTING COMPLETION DETERMINATION DEVICE FOR  
AUTOMATIC TRANSMISSION

**TRANSMITTAL OF TRANSLATION OF THE AMENDMENTS TO THE CLAIMS  
OF THE INTERNATIONAL APPLICATION UNDER  
PCT ARTICLE 19 (35 U.S.C. 371(C)(3))**

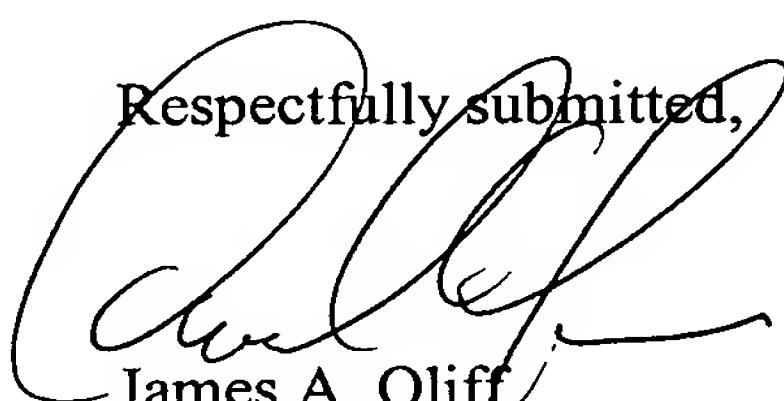
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached hereto is a translation of the amended sheets under PCT Article 19.

The attached translated material replaces the claims in their entirety.

Respectfully submitted,

  
James A. Oliff

Registration No. 27,075

Daniel A. Tanner, III  
Registration No. 54,734

JAO:DAT/nxy

Date: May 15, 2006

OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE  
AUTHORIZATION**  
Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461

10/579299  
JAP20 Rec'd PCT/PTO 15 MAY 2006

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Toshio SUGIMURA et al.

Attn: PCT Branch

Application No. New U.S. National Stage of PCT/JP2005/008373

Filed: May 15, 2006

Docket No.: 128011

For: GEAR SHIFTING COMPLETION DETERMINATION DEVICE FOR  
AUTOMATIC TRANSMISSION

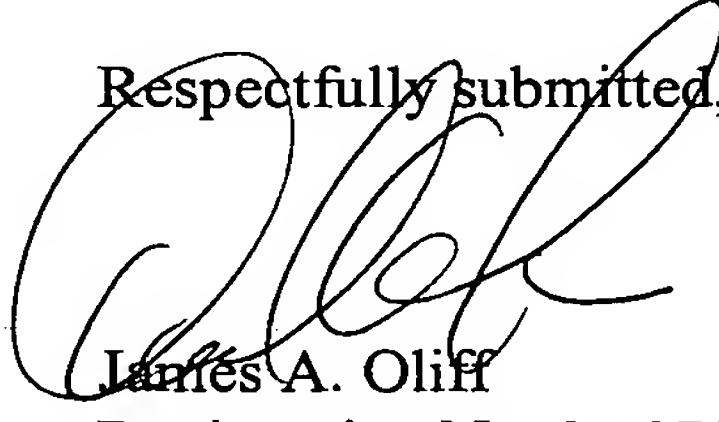
**TRANSMITTAL OF THE AMENDMENTS TO THE CLAIMS OF THE  
INTERNATIONAL APPLICATION UNDER  
PCT ARTICLE 19 (35 U.S.C. 371(C)(3))**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached hereto is the original amended sheet under PCT Article 19. The attached material replaces the claims in their entirety.

Respectfully submitted,



James A. Oliff

Registration No. 27,075

Daniel A. Tanner, III  
Registration No. 54,734

JAO:DAT/nxy

Date: May 15, 2006

OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE  
AUTHORIZATION**  
Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461